UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HARVEY QUADRANGLE
MICHIGAN-MARQUETTE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

LAKE SUPERIOR

APPROXIMATE MEAN LAKE ELEV 183.5

C H O C O L A Y

E S C A N A B A R I V E R S T A T E F O R E S T

W E S T B R A N C H

Harvey
Silver Creek
Chocolay River
Lakewood
Chocolay Twins Park
Chocolay Twins
Church of Jesus Christ
Cherry Creek
Fish Hatchery
Beaver Grove
MANGUM
PRISON FARM
NORTH BIG CREEK ROAD
Second Lake
First Lake
Mangum
Cedar Creek
Big Creek
Vace Creek
Green Garden
St Pauls Ch
St Pauls Cem
Le Vasseur Cr
Chocolay River
Nelson Creek
O Neil Creek
Foster Creek
Norby Creek
Paterson Creek
Little Lake
Townhall
BECKMAN
HEIDTMAN ROAD
BISSONNETTE ROAD
FOSTER CREEK DRIVE
GREENFIELD ROAD
OLD RR GRADE
R.R. GRADE
PUBLIC ACCESS
FOOT BRIDGE
TRAILER PARK
GRAVEL PITS
SAND PIT
SAND

87°22′30″ 46°30′ 87°15′ 46°22′30″
472 000mE 473 474 20′ 475 476 477 17′30″ 478 479 480 000mE
1 930 000 FEET
1 910 000 FEET
5149 000mN 5148 5147 5146 5145 27′30″ 5144 5143 5142 5141 25′ 5140 5139 5138 5137 5136 000mN
620 000 FEET
590 000 FEET

CONVERSION GRAPH
(1 meter = 3.28 feet)

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

EXAMPLE Convert 479 meters to feet
479 = 400 + 70 + 9
400m = 1312.3ft
70m = 229.7ft
+ 9m = + 29.5ft
479m = 1571.5ft

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY . . . . . USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1978
FIELD CHECKED . . . . . 1982 MAP EDITED 1985
PROJECTION . . . . . UNIVERSAL TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR . . . . . ZONE 16
10,000-FOOT STATE GRID TICKS . . . . . MICHIGAN, NORTH ZONE
UTM GRID DECLINATION . . . . . 0°14′ WEST
1984 MAGNETIC NORTH DECLINATION . . . . . 2°30′ WEST
VERTICAL DATUM . . . . . NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM . . . . . 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (7 meters north and 7 meters east)

There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

NORTH

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check. 2

SCALE 1:24 000

1 .5 0 KILOMETERS 1 2
1000 0 METERS 1000 2000
1 .5 0 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

CONTOUR INTERVAL 5 METERS

184.5 METER SUPPLEMENTARY CONTOUR ALONG SHORELINE

CONTROL AND FIELD ESTABLISHED ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND GEOLOGICAL SURVEY DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1985

MICHIGAN
QUADRANGLE LOCATION

1		3
4		5
6	7	8

1 Marquette
2
3 Shot Point
4 Sands
5 Skandia
6 Gwinn
7 Little Lake
8 Carlshend

ADJOINING 7.5' QUADRANGLE NAMES

CONTOURS AND ELEVATIONS IN METERS

ROAD LEGEND

Improved Road . . . . . ═══
Unimproved Road . . . . . ═ ═ ═ ═
Trail . . . . . - - - - -

Interstate Route U.S. Route State Route

HARVEY, MICHIGAN
PROVISIONAL EDITION 1985

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